Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	31 October 2022
Team ID	PNT2022TMID31589
Project Name	Project - Plasma Donor Application
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIN Registration through Facebook
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Dashboard	View and manage content in My Profile View donation history Download receipts
FR-4	Plasma request and donation	inventory to check availability details of donation/request made distribution status
FR-5	User Search	search available donors and location
FR-6	Admin Dashboard	View and manage donors information View and manage the plasma details

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The website needs to be easy to use even for a non-technical user.
NFR-2	**Security**	The entire system needs to be safe and protected against malware and unauthorized attacks.
NFR-3	**Reliability**	The system needs to be reliable enough and needs to function without any technical failures.
NFR-4	**Performance**	The system needs to be as fast as possible regardless of the number of integrations and the traffic on the website increases.
NFR-5	**Availability**	The system needs to be accessible to a user at any given point of time.

NFR-6	**Scalability**	The system needs to be scalable enough to support a large number of users at the same time while maintaining the optimal performance.